



E-Cert LDV History

- January 2008
 - Workshop introducing E-Cert LDV.
- January 2013
 - Workshop describing new LDV data requirements.
 - Individual workshops with associations and manufacturers.
- June 2013
 - Finalized LDV data requirements with industry.
- Today
 - Demonstrating loading an application to E-Cert.

The LDV XML Schema

- Available for download at:
<http://www.arb.ca.gov/msprog/arbectert/arbectert.htm>
- The XML schema defines rules and structure for an XML file. The XML schema is used to validate an XML file.
 - E-Cert will only accept valid XML files.
- All XML files must be complete
 - XML files with partial information will not be accepted.
 - The LDV Data Requirements document details required versus optional fields. Also identifies fields that are required for a specific vehicle type and fuel category.
 - User guides also illustrate fields required for each vehicle type and fuel combination.

Tools for Creating an XML File

● InfoPath

- Available for download at:
<http://www.arb.ca.gov/msprog/arbectert/arbectert.htm>
- Performs inline validation against the XML schema as you fill in the form.

● Custom Systems

- Please use the XML schema to validate the data in the XML files.

Business Rules

Registration

● Manufacturers

- Register with CARB to certify vehicles. (ARB Certification Administrative Requirements: <http://www.arb.ca.gov/msprog/onroad/cert/ldctp/ldctp.htm>)
- Will receive a CARB manufacturer code.
 - This code is required for submitting applications.

● Users

- Contact your certification representative to register.
- Two types of accounts: CERT and EO.
 - CERT: These users can submit applications to E-Cert.
 - Receive an email with your account password.
 - EO: This user will receive the actual signed Executive Order.
- Must be registered prior to submitting an application.
- Can only submit applications for the manufacturer and vehicle categories which they are registered.

Business Rules

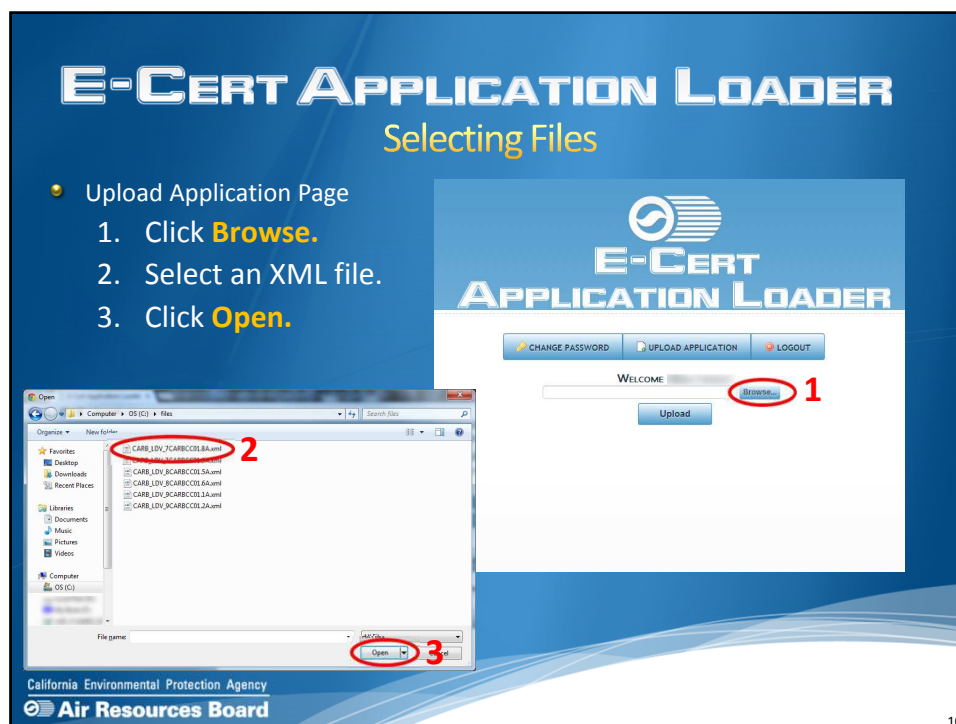
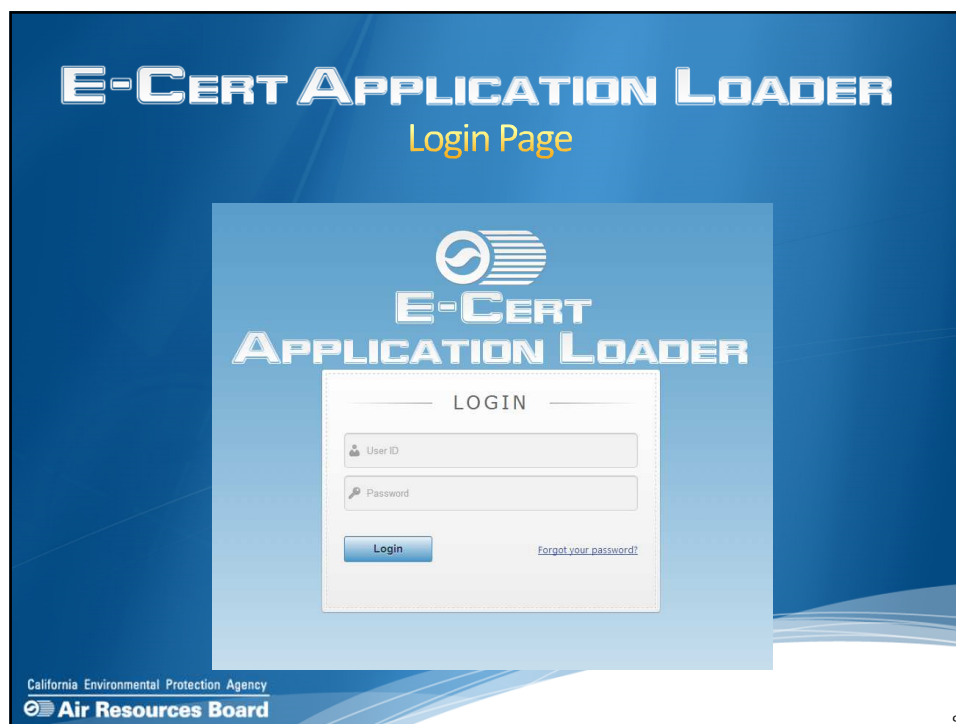
XML Application Rules

- First application submission for a new test group in a new model year must have an application type of **"NEW"**.
 - Only one **"NEW"** application will be accepted per test group.
- Acceptable application types for subsequent submissions:
 - **Correction**: Pertains to applications with corrections to the initial application submitted.
 - **Running Change**: Production changes (both emission and non-emission related) to the original certified vehicle/engine configurations.
 - **Field Fix**: A way to modify/change in-use certified vehicle/engine configurations (both emission and non-emission related).
- Only one test group per application.

Business Rules

File Naming Convention

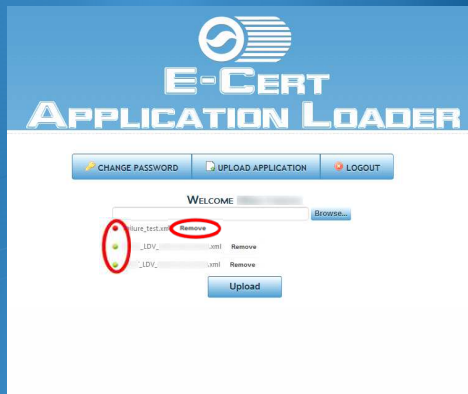
- File Naming Convention:
 - **<CARB_MFR_CODE>_LDV_<TEST_GROUP>.xml**
 - Consists of 3 parts
 1. **<CARB_MFR_CODE>**:
 - The CARB manufacturer code that was assigned to your manufacturer.
 2. **_LDV_**
 - This will remain the same for each file. LDV = {PC, LDT, MDV}
 3. **<TEST_GROUP>**
 - This is the name of the test group for the particular application.
 - Everything is ***bold italics*** is what should be changed.
 - Example: **ABCD_LDV_FABXV09.3CDZ.xml**



E-CERT APPLICATION LOADER

Adding & Removing Files

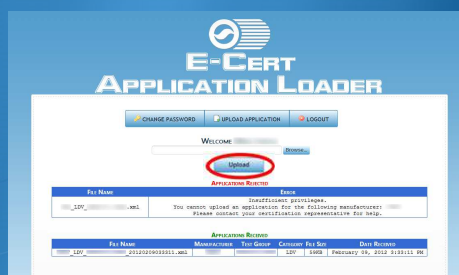
- Repeat steps 1 through 3 to **add** additional files.
- Click the **Remove** button next to a file to remove it.
- Green & Red Indicators**
 - Green:** The application meets the naming convention.
 - Red:** The application does not meet the naming convention.



E-CERT APPLICATION LOADER

Loading Files

- Click the **Upload** button to submit the file(s) to CARB.
- Results**
 - Indicated on the **screen**.
 - A **confirmation email** will also be sent.



Dear [Name],
This is an automated e-mail message from CARB's E-Cert System. Please Do NOT Reply To This E-mail.

Listed below is the result from the application submittal from your most recent session at February 07, 2012 4:53:43 PM.

FILE NAME	APPLICATION REJECTED	ERROR
[Name].xml		Insufficient privileges. You cannot upload an application for the following manufacturer: Please contact your certification representative for help.

FILE NAME	MANUFACTURER	TEST GROUP	CATEGORY	FILE SIZE	DATE RECEIVED
[Name].xml	[Manufacturer]	[Test Group]	LDV	[File Size]	February 07, 2012 4:41:19 PM

Please contact your assigned certification staff for review status.

From:
CARB's E-Cert System

E-CERT APPLICATION LOADER

Live Demo

Timeline

- Voluntary testing will begin August, 2013
 1. Register with CARB.
 - Email Seong Kim: skim@arb.ca.gov
 2. Generate an XML file.
 3. Load the application through the website.
 - Testing will last one month.
 - All test data will be deleted.
- Voluntary applications received in October, 2013 will be officially processed.
- Mandatory submittals begin with the 2016 model year applications.

Contact Information

- Certification Support

- **Seong Kim (LDV)**: 626-450-6164, skim@arb.ca.gov
- **Duc Nguyen**: 626-575-6844, dnguyen@arb.ca.gov

- Technical Support

- **Mina Fanous**: 626-575-6867, mfanous@arb.ca.gov
- **Dilip Patel**: 626-450-6141, dpatel@arb.ca.gov

Questions & Answers